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67,108-015
Bi 29-18-2-5Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A service support method in a wireless data network, comprising:
~~associating a user identification code with a service class;~~
~~servicing a user according to the service class associated with the user identification code;~~
and

~~allocating a temporary user identification code terminal identifier to a user to the user~~
when a session with the wireless data network is open, wherein the temporary ~~user identification~~
~~code terminal identifier~~ is de-allocated when the session is closed;

determining a user identification code of the user having the allocated temporary terminal
identifier;

determining a service class associated with the determined user identification code;

associating the determined service class with the allocated temporary terminal identifier;

and

servicing the user according to the associated service class while using the allocated
temporary terminal identifier to identify the user.

2. (Currently Amended) The service support method of claim 1, wherein determining the
service class~~the associating step~~ comprises accessing a database containing a plurality of user
identification codes and at least one service, wherein each user identification code has one
service class associated with it.

3. (Original) The service support method of claim 2, wherein the database comprises a
plurality of service classes, each service class defining a discrete service level.

4. (Cancelled)

67,108-015
Bi 29-18-2-5

5. (Previously Presented) The service support method of claim 1, wherein the user identification code is one selected from the group consisting of an electronic serial number (ESN) and an international mobile subscriber ID (IMSI).
6. (Cancelled)
7. (Previously Presented) The service support method of claim 1, wherein the temporary ~~user identification code~~ terminal identifier is a unicast access terminal identifier (UATI).
8. (Previously Presented) The service support method of claim 1, wherein the service class is a quality of service class.

67,108-015
Bi 29-18-2-5

9. (Currently Amended) A service support method in a wireless data network, comprising:
allocating a temporary terminal identifier to a user when a session with the wireless data network is open, wherein the temporary terminal identifier is de-allocated when the session is closed;

obtaining a user identification code from the user if the user is connected~~a user connecting~~ to the network;

accessing a database containing a plurality of user identification codes and a plurality of quality of service classes, each service class defining a discrete quality of service level, wherein each user identification code has a corresponding one of said plurality of quality of service classes;

obtaining the quality of service class associated with the obtained user identification code of the user;

associating the obtained quality of service class with the temporary terminal identifier;
and

servicing~~a user~~ the user according to the ~~obtained~~ quality of service class associated with the temporary terminal identifier; and

~~allocating a temporary user identification code to the user when a session with the wireless data network is open, wherein the temporary user identification code is de-allocated when the session is closed.~~

10. (Cancelled)

11. (Previously Presented) The service support method of claim 9, wherein the user identification code is one selected from the group consisting of an electronic serial number (ESN) and an international mobile subscriber ID (IMSI).

12. (Cancelled)

67,108-015
Bi 29-18-2-5

13. (Currently Amended) The service support method of claim 9, wherein the temporary ~~user identification code~~ terminal identifier is a unicast access terminal identifier (UATI).
14. (Previously Presented) The service support method of claim 1, comprising providing the user an average packet data transmission rate corresponding to the service class.
15. (Previously Presented) The service support method of claim 1, comprising charging the user a rate corresponding to the service class.
16. (Previously Presented) The service support method of claim 9, comprising providing the user an average packet data transmission rate corresponding to the obtained quality of service class.
17. (Previously Presented) The service support method of claim 9, comprising charging the user a rate corresponding to the obtained quality of service class.
18. (New) The service support method of claim 1, comprising
determining that the user is a gateway user; and
servicing the user according to a service class unique to gateway users.
19. (New) The service support method of claim 9, comprising
determining that the user is a gateway user; and
servicing the user according to a service class unique to gateway users.